

RECEIVED
CENTRAL FAX CENTER

APR 26 2005

FAX COVER SHEET

TO

COMPANY

FAX NUMBER 17038729306

FROM charles mirho

DATE 2005-04-26 16:03:10 GMT

RE FSP0054 09/511,168

COVER MESSAGE

CERTIFICATE OF FACSIMILE TRANSMISSION

for

Attorney Docket Number: FSP0054

Client Reference Number: AWS 761.US

Title: INTELLIGENT PRESENTATION NETWORK MANAGEMENT SYSTEM

Application Number: 09/511,168

Filing Date: Thursday, February 24, 2000

First Named Inventor: Wei, Xinguo

Group Art Unit: 2666

Examiner Name: Hom, Shick

GET FREE ONLINE FAX DELIVERY FROM eFAX
WWW.EFAX.COM

I hereby certify that the following is being
transmitted via
facsimile to telephone number 703-872-9306 on Tuesday,
April 26, 2005.

Printed name: Charles A. Mirho

Signature:

Contents of This Correspondence

7 pages of amendment and remarks

1 page of amendment and reply to office action

1 page of Certificate of facsimile

GET FREE ONLINE FAX DELIVERY FROM eFAX
WWW.EFAX.COM

RECEIVED
CENTRAL FAX CENTER

APR 26 2005

Attorney Docket Number: FSP0054 Client Reference Number: AWS 761.US
Title: INTELLIGENT PRESENTATION NETWORK MANAGEMENT SYSTEM
Application Number: 09/511,168

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RESPONSE

FOR

Attorney Docket Number: FSP0054
Client Reference Number: AWS 761.US
Title: INTELLIGENT PRESENTATION NETWORK MANAGEMENT SYSTEM
Application Number: 09/511,168
Filing Date: Thursday, February 24, 2000
First Named Inventor: Wei, Xinguo
Group Art Unit: 2666
Examiner Name: Horn, Shick

Summary of Office Action

In an office action mailed on February 22, 2005, claims 1-10 and 15-19 are rejected under 35 U.S.C. 102(e) as anticipated by Richardson (6,271,845); claims 14 and 20 are rejected under 35 U.S.C. 103(a) as unpatentable over Richardson in view of Cutrer (5,668,562); claims 11-13 and 21 would be allowed if rewritten to include all limitations of base claims and any intervening claims.

Claims

1. (Currently Amended) A method for managing network elements in a communications network comprising:
establishing a hierarchy of geographical areas in the communication network, where an area at a higher level of the hierarchy includes a plurality of areas at a lower level of the hierarchy;
representing each network element in a geographical area at a first level in the geographical hierarchy; and
summarizing the representation of network elements at a second level in the geographical hierarchy, higher than the first level of the geographical hierarchy.
2. (Currently Amended) The method of claim 1 in which the establishment of the hierarchy of geographical areas includes establishing n levels of geographical areas in the network, where each n th level geographical area includes a plurality of $(n-1)$ th level geographical areas, and in which the summarization of summarizing the representation of network elements includes summarizing the representation of network elements at $(n-1)$ levels of geographical areas.
3. (Currently Amended) The method of claim 1 wherein the management of the